



NEW TEMPLATE IDENTIFICATION WITH DIFFERENTIAL CACHING

RELATED APPLICATIONS

[0001] This application is related to the following patent and copending applications:

- U.S. Patent No. Application Serial No. 09/436,136, entitled "Predictive Pre-Download of Network Objects," issued as U.S. Patent No. 6,721,780 on April 13, 2004;
- U.S. Patent Application Serial No. 09/734,910, filed December 11, 2000, entitled "Predictive Pre-Download Using Normalized Network Objects Identifiers";
- U.S. Patent Application 09/827,268, filed April 4, 2001, entitled "Server-Originated Differential Caching"; ~~now abandoned~~
- U.S. Patent Application Serial No. 09/888,374, filed June 22, 2001, entitled "Content Delivery Network Using Differential Caching"; and
- U.S. Patent Application Serial No. 09/923,809, filed August 7, 2001, entitled "Efficient and Low-Cost Compression Using Differential Caching".

Each of these applications is hereby incorporated by reference as if fully set forth herein.

BACKGROUND OF THE INVENTION

Field of the Invention

[0002] This invention relates to distinguishing different elements in a web page so as to reduce the bandwidth and computing resources required to transmit a web page over a network.

Related Art

[0003] One technique to optimize bandwidth usage and save computing resources involves responding to a request for a web page by looking to what information a client device may have already received from a server at an earlier point in time. Information included in a document may be distinguished from other information included in that same document by looking to how frequently the information changes and whether a user has the most recent version of that part of the